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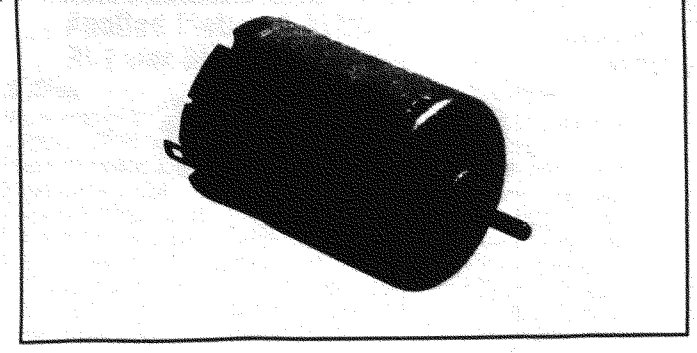
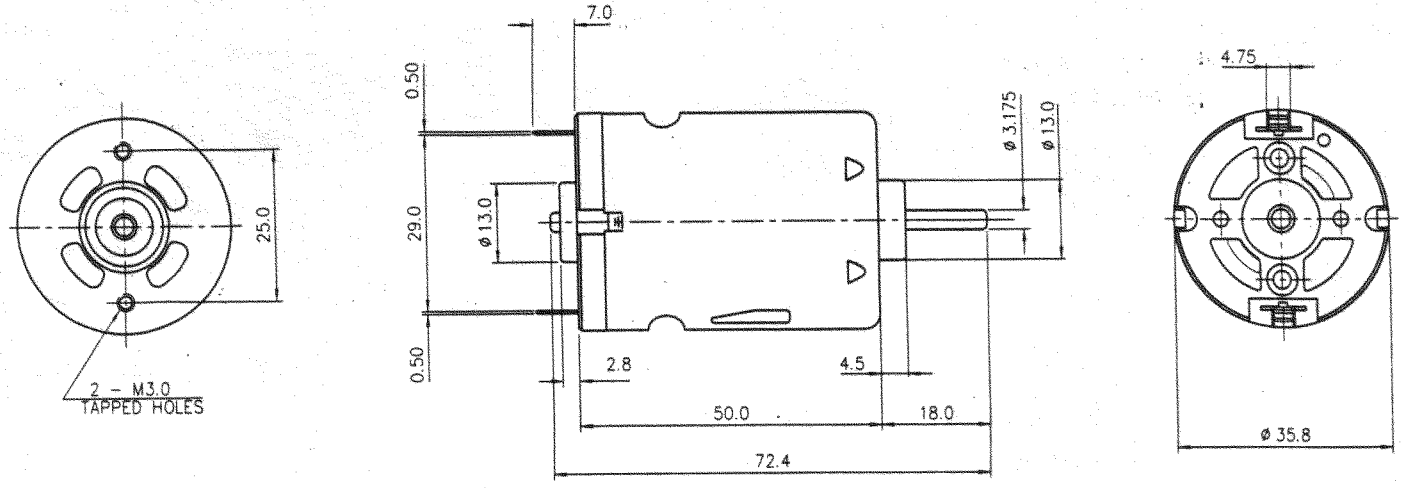


Typical Applications

In Automobiles	: Pollution Control B. Device
In Power Tools	: Auto Vacuum
In Personal Care and Use	: Body Massager

All DIMS. IN MM

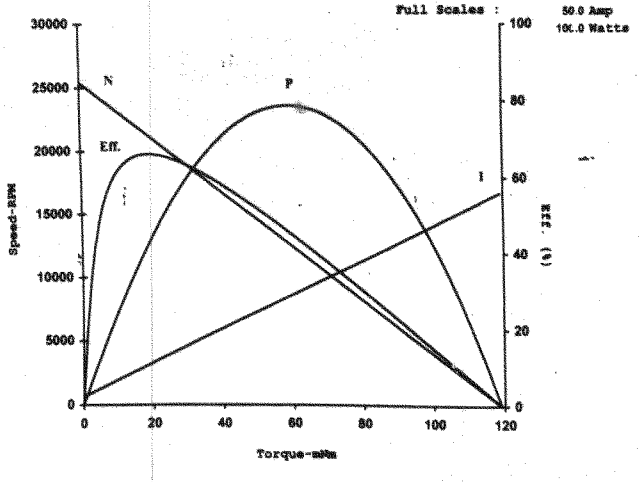
Jameco Part Number 173681



Some Windings

MODEL NO	Nominal Voltage	Electrical Performance												Motor Characteristics			
		No Load		At Max. Eff. Pt.					At Max. Output Power				At Stall		Kt	KE	R	Regulation
	V	Current A	Speed RPM	Current A	Speed RPM	Torque mNm	Power W	Eff. %	Current A	Speed RPM	Torque mNm	Power W	Current A	Torque mNm	mNm/A	mV/rad/s	Ω	RPM/mNm
HC610F/101	12.0	1.06	25400	5.37	21300	19.1	42.6	66	14.5	12700	59.6	79.2	28.0	119.1	4.42	4.42	0.43	213
HC610F/102	12.0	0.20	6080	0.84	4920	10.8	5.56	55	1.88	3040	28.4	9.03	3.56	56.8	16.93	16.93	3.38	107
HC610F/103	12.0	0.12	3610	0.38	2750	7.30	2.10	46	0.67	1810	15.2	2.88	1.22	30.4	27.78	27.78	9.87	119

HC610E/101/12.0V



HC610F/102/12.0V